

APPENDIX

[0032] As an example, suppose that for some scanline y , $n_y=5$ and segment end points are $X_{y,1}, \dots, X_{y,5}$. FIG. 3B shows scanline segments $S_{y,1}, S_{y,2}, \dots, S_{y,5}$, each having an associated function $Z_{y,i}(x)$ (not shown). Thus, $S_{y,1}$ has the function $Z_{y,1}(x)$, while $S_{y,2}$ has the function $Z_{y,2}(x)$, and so forth. Alternatively, in addition to a linear function, $Z_{y,i}(x)$ may take on a non-linear function such as $Z_{y,i}(x) = a_{1,y,i} \cdot [(|x^k|)] + a_{2,y,i} \cdot [(|x^{(k-1)}|)] + \dots + a_{k,y,i} \cdot [(|x|)] + b_{y,i}$; where k and $a_1 \dots a_k$ may be any real value.